

## Show Compressor and Air Dryer Maintenance

If you have an issue with your Compressor please contact the CEC Technical Support Department at 785 862 6002. We can arrange for an Authorized Ingersoll Rand Service Technician to service your compressor.

For proper and cost effective operation we recommend the following ongoing preventive maintenance on your Compressor and Air dryer.

1. The main tank and reserve tank, if you have one, must be drained daily to remove condensation. Do not open drain valves all the way; it is important to drain the tanks slowly to remove most of the condensation from the tanks. Locations with an auto drain valve should verify proper operation.
2. Listen for unusual sounds such as knocking or grinding which could indicate that there is a problem with your compressor. Additionally, listen for air leaks when the compressor is not running.
3. **Perform a compressor pump test once a week** with the valve to the stage shut off. Your pump up time from 0 to 165 PSI for 3 Stage **20HP compressors** should be no longer than **8 1/2 minutes** and for CEC Stage and Studio C **5HP units**, no more than **4 minutes**. If the pump times are longer there may be issues with the compressor. Issues caught early may reduce the repair costs.
4. Check and make sure the compressor room is properly ventilated. Each room should have a large face dial thermometer and the temperature in the room should never be more than 100 degrees.
5. It is critical that all air leaks be repaired immediately to keep the run time of the compressor down to a minimum.
6. **Oil should be changed every 3 Months** - When changing oil look for metal particles in the old oil. The oil color should be brown not black. If it is black, the pump is either running for too long or running too hot. Also, time between oil changes may have been exceeded.  
**Check Oil level weekly**
7. Check air intake filters on compressor, which can be cleaned with compressed air.
8. For the air dryer to perform properly the condenser coils of the air dryer must be kept clean and have good air flow. Compressed air can be used to clean the condenser coils.



The oil for all compressors can be found at Grainger's; the part # is 2YY83 and is sold by the quart. You can also order from the CEC Purchasing Department (972-258-5550) "All Season" oil and filter start up kit. For Compressor Model # 2475 and 242 – 5 HP units use part # 32305880. For Model # 15T 20HP use part # 32305906. These kits contain enough oil and filters for 2 changes.